

● PRINTER RUSH ●
(PTO ASSISTANCE)

Application : 10/705,445 Examiner : Bruce GAU : 2882
From : MR Location : (IDC) FMF FDC Date : 12-03-05

Tracking #: EPM 10705 445 Week Date: 10-10-85

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
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<input type="checkbox"/> SRFW	_____	<input type="checkbox"/> Other
<input type="checkbox"/> DRW	_____	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input checked="" type="checkbox"/> SPEC	11-11-03	

[RUSH] MESSAGE: Table 3 on pg. 42 of specification has columns 3, 4 + 5 that contains cut off data/lines. Also, please verify if dates on columns 4 + 5 is under Total weight or line is just missing or cut-off. If necessary, make corrections.

Please resolve.

Thank you.
LMB

[XRUSH] RESPONSE:

See misc comm

INITIALS

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.
REV 10/04



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Serial Number
10705445

Date Mailed
12/27/05

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Notice of Allowance Mailed

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- ♦ Specification page 42, table 3 has missing data in columns 3-5. Fax missing information to number below or e-mail.

- For status updates visit <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR System, contact the Electronic Business Center (EBC) toll free at 866-217-9197.

APPLICANT MUST SUPPLY MISSING INFORMATION WITHIN 30 DAYS OF THE MAIL DATE OF THIS NOTICE. ✓

A copy of this notice MUST be returned with the reply. Please address response to Commissioner for Patents P.O. Box 1450
Alexandria, VA 22313-1450

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EDS Scoring Criteria

Rank	Best			Worst							Weight
Score	10	9	8	7	6	5	4	3	2	1	Factor note 10
Evaluation Criteria											
Prob. Of Detection, %	>99	99 - 98	98 - 97	97 - 95	95 - 90	90 - 85	85 - 80	80 - 75	75 - 70	<70	20
Specificity (number of material parameters measured)	5 or more	4	3	2	1	1	1	1	1	1	14
Prob. Of False Positive, %	<0.1	0.1 - 0.2	0.2 - 0.3	0.3 - 0.5	0.5 - 1	1 - 5	5 - 10	10 - 20	20 - 30	> 30	14
Unit Cost, \$K	< 200	200 - 500	500 - 800	800 - 1000	1000 - 1200	1200 - 1500	1500 - 2000	2000 - 3000	3000 - 5000	>5000	13
Annual Maintenance Cost, \$K	< 20	20 - 50	50 - 80	80 - 100	100 - 120	120 - 150	150 - 200	200 - 300	300 - 500	>500	2
Annual Operational Support, Full Time Equivalent Staff	0	0.5	1	1.5	2	2.5	3	4	5	>5	2
Availability to Market, months	Now	1 - 6	6 - 12	12 - 24	24-36						10
Footprint, Sq.-Ft.	< 50	50 - 100	100-200	200 - 500	500 - 1000	1000 - 1500	1500 - 2000	2000 - 2500	2500 - 3000	>3000	6
Total Weight, lb	< 500	500 - 1000	1000 - 1500	1500 - 2000	2000 - 5000	5000 - 10000	10000 - 15000	15000 - 20000	20000 - 25000	>25000	3
Throughput (objects/min)	> 25	25 - 15	15 - 5	5 - 1	N/A	N/A	N/A	N/A	N/A	N/A	3
Automation	Auto level 1 and 2	Auto level 1 and manual level 2	Auto level 1	Manual level 1	N/A	N/A	N/A	N/A	N/A	N/A	1
Defeat Immunity	Can't be defeated	Defeatable by expert, indicates defeated	Defeatable easily and indicates defeated	Defeatable and does not indicate defeated.	N/A	N/A	N/A	N/A	N/A	N/A	10

Table 3: EDS Scoring Criteria of this invention

EDS Scoring Criteria										
Rank	Best			Worst						
Score	10	9	8	7	6	5	4	3	2	1
Evaluation Criteria										
Prob. Of Detection, %	>99	99 - 98	98 - 97	97 - 95	95 - 90	90 - 85	85 - 80	80 - 75	75 - 70	<70
Specificity (number of material parameters measured)	5 or more	4	3	2	1	1	1	1	1	1
Prob. Of False Positive, %	<0.1	0.1 - 0.2	0.2 - 0.3	0.3 - 0.5	0.5 - 1	1 - 5	5 - 10	10 - 20	20 - 30	> 30
Unit Cost, \$K	< 200	200 - 500	500 - 800	800 - 1000	1000 - 1200	1200 - 1500	1500 - 2000	2000 - 3000	3000 - 5000	>5000
Annual Maintenance Cost, \$K	< 20	20 - 50	50 - 80	80 - 100	100 - 120	120 - 150	150 - 200	200 - 300	300 - 500	>500
Annual Operational Support, Full Time Equivalent Staff	0	0.5	1	1.5	2	2.5	3	4	5	>5
Availability to Market, months	Now	1 - 6	6 - 12	12 - 24	24 - 36					
Footprint, Sq.-Ft.	< 50	50 - 100	100 - 200	200 - 500	500 - 1000	1000 - 1500	1500 - 2000	2000 - 2500	2500 - 3000	>3000
Total Weight, lb	< 500	500 - 1000	1000 - 1500	1500 - 2000	2000 - 5000	5000 - 10000	10000 - 15000	15000 - 20000	20000 - 25000	>25000
Throughput (objects/min)	> 25	25 - 15	15 - 5	5 - 1	N/A	N/A	N/A	N/A	N/A	N/A
Automation	Auto level 1 and 2	Auto level 1 and manual level 2	Auto level 1	Manual level 1	N/A	N/A	N/A	N/A	N/A	N/A
Defeat Immunity	Can't be defeated	Defeatable by expert, indicates defeated	Defeatable easily and indicates defeated	Defeatable and does not indicate defeated.	N/A	N/A	N/A	N/A	N/A	N/A

EDS Scores-

[00109] Scores can be obtained for various explosive detection sub-systems (EDS). The characteristics of each EDS, recorded on an EDS Analysis Factors Form, are the basis for the scores.

[00110] The Figure of Merit is the sum of the products of the scores multiplied by the corresponding weighting factor, all divided by 100. An example of an EDS Ranking is shown below in Table 4.